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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

of

Complete if Known 161055174

Application Number	Divisional of 09/245,331
Filing Date	January 25, 2002
First Named Inventor	BRIGGS et al.
Prior Group Art Unit	1645
Prior Examiner Name	J. Graser
Attorney Docket Number	000295.00014

10/055174
01/25/02

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
JG		US- 5,476,657	12/19/1995	Potter	
		US- 5,422,110	06/06/1995	Potter et al.	
		US- 5,733,780	03/31/1998	Briggs et al.	
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FOREIGN PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
JG		WO 97 16531 A1	05-09-1997	Commonwealth Scientific and Industrial Research Org.		

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 000295.00014	SERIAL NUMBER 09/245,331	Div. of
	APPLICANT Robert E. Briggs & Fred M. Tatum		
	FILING DATE Herewith	GROUP ART UNIT (Prior) 1645	

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

George L. Murphy et al. "Hemolytic Activity of the <i>Pasteurella haemolytica</i> Leukotoxin" Infection and Immunity, August 1995, pgs 3209-3212
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Glynn H. Frank et al. "Respiratory tract disease and mucosal colonization by <i>Pasteurella haemolytica</i> in transported cattle" AJVR, Vol. 57, No. 9, September 1996 pgs. 1317-1320

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	APPLICANT Briggs and Tatum		
	FILING DATE Herewith	GROUP ART UNIT (Prior) 1645	

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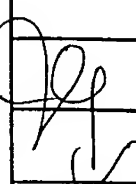
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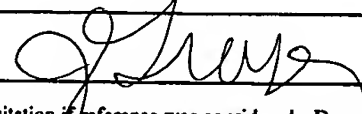
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	97/41823 A	11/13/1997	WIPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Cruz W.T. et al. "Deletion analysis resolves cell-binding and lytic domains of the Pasteurella leukotoxin " Molecular Microbiology, Vol. 4, No. 11, November 1990, pages 1933-1939
	Petras S.F. et al. "Antigenic and virulence properties of Pasteurella haemolytica leukotoxin mutants" Infection and Immunity, Vol 63, No. 5, March 1995, pages 1033-1039

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9	Homchampa et al. "Cross protective immunity conferred by a marker-free <i>aro A</i> mutant of <i>Pasteurella multocida</i> " Vaccine 1997 Vol. 15, Number 2
	Beaumont et al. "Identification and Characterization of <i>alcR</i> , a Gene Encoding an AraC-Like Regulator of Alcaligin Siderophore Biosynthesis and Transport in <i>Bordetella pertussis</i> and <i>Bordetella bronchiseptica</i> " Journal of Bacteriology, February 1998, pages 862-870, Vol. 180, No. 4
	Link et al. "Methods for Generating Precise Deletions and Insertions in the Genome of Wild-Type <i>Escherichia coli</i> : Application to Open Reading Frame Characterization" Journal of Bacteriology, October 1997, pgs. 628-6237, Vol. 179, No. 20
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✓	Hamilton et al. "New Method for Generating Deletions and Gene Replacements in <i>Escherichia coli</i> " Journal of Bacteriology, September 1989, pgs 4617-4622, Vol 171, No. 9

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<i>[Signature]</i>	Murphy G.L. et al. "Haemolytic activity of the Pasteurella haemolytica leukotoxin" Infection and Immunity, Vol. 63, No. 8, August 1995, pages 3209-3212
<i>[Signature]</i>	Cruz W.T. et al. "Deletion analysis resolves cell-binding and lytic domains of the Pasteurella leuktoxin" Molecular Microbiology, Vol. 4, No. 11, November 1990, pages 1933-1939
<i>[Signature]</i>	Petrus S.F. et al. "Antigenic and virulence properties of Pasteurella haemolytica leukotoxin mutants" Infection and Immunity, Vol 63, No. 5, March 1995, pages 1033-1039

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